

REMARKS	WELL LOG	ELEVATION	DIRECTION	SUB REPORT AND
		X	LOCATION INSPECTED	
WATER JANDS				

TWP	RGE	SEC	OPERATOR
15S	17W	29	COLUMBIA GAS DEVELOPMENT

GEOLOGIC TOPS

QUATERNARY	Star Point	Line	Molas
Alluvium	Wahweap	Starbump	Manning Canyon
Lake beds	Mesa	Menkopp	Mississippian
Pleistocene	Fort Collins	Sinbad	Humboldt
Lake beds	Sequoia	PERMIAN	Brazer
TERTIARY	Rocky Mountain	Parabola	Pilot Shale
Pliocene	California	Coconino	Madison
Salt Lake	Maricopa	Cutler	Leadville
Oligocene	Upper	Hoskins	Redwall
Normal	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Fire	Organ Rock	Middle
Unit	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Hagate Tongue	Ouray
Green River	Fox	Prosser	Ebert
	Dakota	Pink City	McCracken
	Burns Canyon	River (Goodridge)	Aneth
	Cedar Mountain	Sage	Simonsen Dolomite
	Black Hills	Wolfcamp	Sevy Dolomite
	JURASSIC	CARRON FERROUS	North Point
Wasatch	Mojave	Pennsylvanian	SILURIAN
Stone Cabin	Salt Lake	Oquirrh	Laketown Dolomite
Colton	Salt Lake Gr.	Wetzel	ORDOVICIAN
Flagstaff	Sage	Morgan	Eureka Quartzite
North Horn	Buff Sandstone	Herrinosa	Pogonip Limestone
Almy	Cuthis		CAMBRIAN
Paleocene	Entrada	Pardox	Lynch
Current Creek	Mesa Tongue	Ismay	Bowman
North Horn	Cymel	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Asa	Ophir
Montana	Havapo	Barker Creek	Tintic
Mesaverde	Karels		PRE-CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	THURAS		

COLUMBIA GAS

Development



October 19, 1990

VIA AIRBORNE EXPRESS

RECEIVED
OCT 22 1990

DIVISION OF
OIL, GAS & MINING

STATE OF UTAH NATURAL RESOURCES
OIL & GAS DIVISION
355 W. North Temple, 3 Triad Center, Ste.#350
Salt Lake City, Utah 84180-1203

ATTN: BRAD HILL

RE: COLUMBIA GAS DEVELOPMENT CORP.
DESOLATION FEDERAL #29-1
SEC.29, T15S, R17W
MILLARD COUNTY, UTAH

Dear Mr. Hill:

Columbia Gas Development Corporation respectfully submits, in duplicate, a completed Application for Permit to Drill, Eight Point Drilling Program, BOPE Diagram, Certified surveyor's plats and proof of Bond coverage to be reviewed for approval regarding the above referenced location.

Please note, both surface and minerals are federal and permitting is currently underway through the appropriate Bureau of Land Management District Office.

Columbia requests that the information submitted on the drilling report be kept confidential, for the maximum amount of time available.

Should you have any questions, or require any additional information, please do not hesitate to contact me at 713/871-3400.

Sincerely,

COLUMBIA GAS DEVELOPMENT CORP.

Aline A. Reese
Regulatory

AAR
Encl.

COLUMBIA GAS

Development



October 26, 1990

REC
OCT 27 1990

VIA AIRBORNE EXPRESS

DIVISION OF
OIL, GAS & MINING

STATE OF UTAH NATURAL RESOURCES
Oil & Gas Division
355 W. North Temple, 3 Triad Center
Ste. #350
Salt Lake City, Utah 84180-1203

ATTN: TAMMY SEARIN

RE: COLUMBIA GAS DEVELOPMENT CORP.
DESOLATION FEDERAL #29-1
SEC. 29, T15S, R 17W
MILLARD COUNTY, UTAH

Dear Ms. Searin:

As per our conversation of today, please find enclosed a revised Form 3160-3, Application for Permit to Drill, in duplicate, to replace the previous form recently submitted for approval.

If you have any questions, or require any additional information, please contact me at 713/871-3482.

Sincerely,

COLUMBIA GAS DEVELOPMENT CORP.

Aline A. Reese
Regulatory

AAR
Encl.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Columbia Gas Development Corp.

713/871-3400

3. ADDRESS OF OPERATOR

P.O. Box 1350 Hou., TX. 77251-1350

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements*)

At surface

2055' FSL & 1007' FWL of Sec. 29, T15S, R17W

At proposed prod zone

2055' FSL & 1007' FWL of Sec. 29, T15S, R17W

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approx. 108 miles from Ely.

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest (orig. Unit) line, if any)

1007'

16. NO. OF ACRES IN LEASE

3200 acres

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

N/A

19. PROPOSED DEPTH

8500' SIMON

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40 acres

20. ROTARY OR CABLE TOOLS

Kotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GR 5993'

22. APPROX. DATE WORK WILL START*

January 1991

23

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Set	13-3/8"	54.5#	500'	590 sx Class "G"
12-1/4	9-5/8"	36#	2700'	265 sx Class "G"
8-3/4	7"	23 & 26#	8500'	300 sx Class "G"

CONFIDENTIAL

See attached for additional information

Eight Point Drilling Program
Multi-Point Surface Use Program
BOPE Diagrams
Certified Surveyor's Plat
Cut & Fill sheets & area topog

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM. If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths Give blowout preventer program, if any.

24

SIGNED

Alice A. Reese A. Reese

TITLE

Regulatory Clerk

DATE

10/26/90

(This space for Federal or State office use)

PERMIT NO

43-027-300.30

APPROVAL DATE

APPROVED BY THE STATE
OF UTAH DIVISION OF

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY.

TITLE

OIL, GAS, AND MINING

DATE

DATE

BY: [Signature]

WELL SPACING: 15-3-3

*See Instructions On Reverse Side

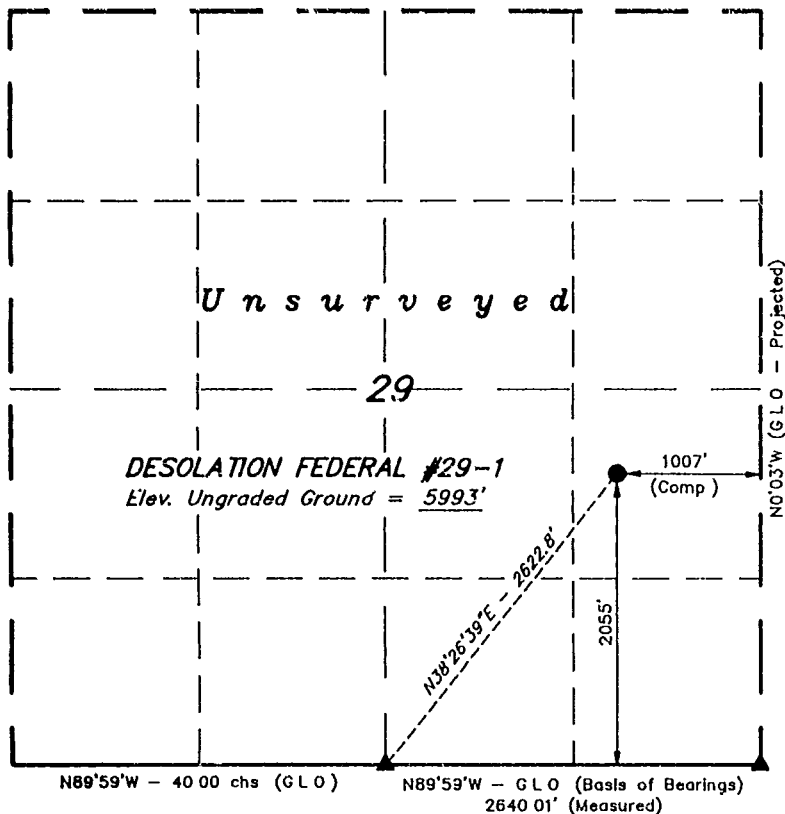
T15S, R17W, S.L.B.&M.

COLUMBIA DEVELOPMENT CORP.

Well location, DESOLATION FEDERAL #29-1,
located as shown in the NE 1/4 SE 1/4 of
Section 29, T15S, R17W, S.L.B.&M Millard
County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHEAST CORNER OF SECTION
29, T15S, R17W, S.L.B.&M TAKEN FROM THE GANDY
QUADRANGLE, UTAH - MILLARD COUNTY, 15 MINUTE
QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED
STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL
SURVEY. SAID ELEVATION IS MARKED AS BEING 5956
FEET



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 5709
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(801) 789-1017

SCALE 1" = 1000'	DATE 9-8-90
PARTY RLK TK JRJ	REFERENCES GLO PLAT
WEATHER HOT	FILE COLUMBIA DEVELOPMENT CORP

▲ = SECTION CORNERS LOCATED. (BRASS CAPS)

EXHIBIT "D"
EIGHT-POINT DRILLING PROGRAM

COMPANY: COLUMBIA GAS DEVELOPMENT CORPORATION
WELL NAME: DESOLATION FEDERAL #29-1
LOCATION: 2300' FS: & 800' FEL OF SECTION 29, T15S, R17W
MILLARD COUNTY, UTAH.
ONSITE INSPECTION DATE: 9/12/90

CONFIDENTIAL

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulation (43 CFR 3100), Onshore Oil & Gas Order No.1, and the approved plan of operations. A copy of these conditions will be furnished to the field representative to insure compliance.

A. DRILLING PROGRAM

1. Estimated Geologic Markers

Formation Tops	Depth	Subsea
Arcturus	Surface	+5983
Ely Limestone	721'	+5280
Chainman Shale	2671'	+3330
Joana Limestone	4051'	+1950
Pilot Shale	4091'	+1910
Guilmette	4981'	+1020
Simonson	7821'	-1820

2. Estimated Depths of Anticipated Water, Oil, Gas or Other Minerals

Formation Tops	Depth	Subsea	Remarks
Ely	721'	+5280	Oil
Guilmette	4981'	+1020	Oil
Simonson	7821'	-1820	Oil

3. Pressure Control Equipment

The District Office shall be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

One (1) annular bag-type and two (2) ram-type preventers

will be utilized. Ram preventers are to be tested to seventy percent (70%) of working pressure, or seventy percent (70%) of burst rating of surface pipe, whichever is less. Annular preventer is to be tested to fifty percent (50%) of working pressure - See exhibits C-1 & C-2.

All ROPE and testing procedures will be consistent with API RP-53 and will be conducted before drilling out casing shoe. Preventers will be inspected and operated at least once daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report.

4. Casing Program and Auxiliary Equipment

The District Office shall be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

Conductor Pipe: 20" set @ 40'

Surface Pipe:

INTERVAL	SIZE	WT	GR	CONN	BURST/SF	COL/SF
0-500'	13-3/8"	54.5#	K-55	STC	2730/3.05	1130/1.63

Cement w/590 sx class "G". Pressure test to 2000 psi before drilling out shoe.

Intermediate Pipe:

INTERVAL	SIZE	WT	GR	CONN	BURST/SF	COL/SF
0-2700'	9-5/8"	36#	K-55	STC	3520/1.25	2020/1.63

Cement w/265 sx class "G". Pressure test to 2500 psi before drilling out.

Production Pipe:

INTERVAL	SIZE	WT	GR	CONN	BURST/SF	COL/SF
0-6000'	7"	23	K-55	LTC	4360/1.33	3270/1.48
6000-8500'	7"	26	K-55	LTC	4980/1.48	4320/1.38

Cement w/300 sx Class "G". Pressure test to 3100 psi on first trip w/completion rig.

Auxiliary Equipment:

- A. A Kelly cock will be kept in the string at all times.
- B. A stabbing valve will be kept on the derrick floor at all times.
- C. A float will not be used.

5. Proposed Mud Program

No chromates will be used in the well.

DEPTH	MUD WT	VIS	PV	YP	WL	TYPE MUD
0-500'	8.4-8.5	28-32	1-4	0-2	NC	FW & GEL
500-1000'	8.4-8.6	29-32	1-4	0-2	NC	FW & GEL
1000-TD	8.8-9.0	29-34	1-4	0-2	NC	FW & GEL

Surface hole will be drilled with fresh water. Below Surface pipe, the system will be salted up if needed due to shale problems or severe freezing conditions.

6. Coring, Logging & Testing Program

A. Drill Stem Tests: Possible in the Ely, Guillemette and Simonson if they have shows.

B. Well Logging & Intervals:

LOG	INTERVAL
Dual Induction/GR/SP	TD-Surface
Neutron Density/GR/X-Plot	TD-Surface
Dipmeter	TD-Surface
Fracture	TD-Surface

C. Cores: Possible in the Guillemette.

D. Directional Surveys: Inclination test will be taken at 500' and at 1000' maximum intervals.

E. Samples: samples will be taken at 10' intervals from surface casing to TD.

F. There will be a mud logger on location from surface casing to TD.

G. Completion Procedure: To be submitted on Form 5 under "Approval of Subsequent Operations."

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations will be filed with Form 3160-4.

7. Anticipated Abnormal Pressures, Temperatures or Potential Hazards

- A. No abnormal pressures or temperatures are expected in this well.
- B. Hydrogen Sulfide is not anticipated.

8. Notification of Operations & Other Information

- A. Construction of Location: Immediately upon Approval.
- B. Spud Date: As soon as possible after pad & road are completed.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from well to be placed in a suspended status without prior approval of the AO.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or a holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

C. Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revisions.

D. If replacement rig is contemplated for completion operations, a "Sundry Notice" to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Notification will be made no later than five (5) days following the date on which the well is placed on production.

✓ Venting/Flaring of gas during initial well evaluation tests will not exceed a period of thirty days or the production of 50 MMCF of gas, whichever occurs first. An application will be filed with the District Engineer and approval received, for any Venting or Flaring beyond the initial 30 day authorized test period.

A schematic production facilities diagram will be submitted within 30 days of installation or first production, whichever occurs first. All site security regulations shall be

adhered to.

A first production conference will be scheduled within fifteen (15) days after receipt of the first production notice.

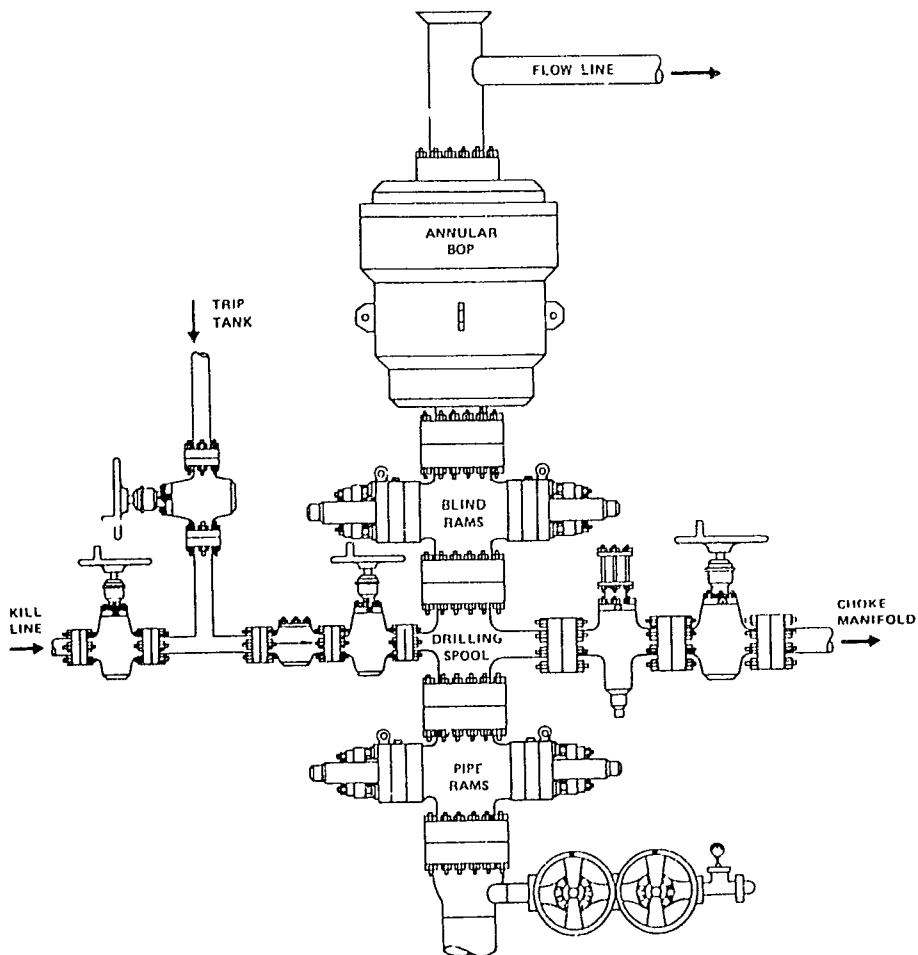
No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled or holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" will be filed with the AO within 30 days following completion of the well for abandonment.

There will be no deviation from the proposed drilling and/or workover program without prior approval of the AO. Safe drilling and operating practices will be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

TYPICAL BOP EQUIPMENT

11" - 5000 psi





United States Department of the Interior JUN 30 1989

BUREAU OF LAND MANAGEMENT
COLORADO STATE OFFICE
2850 YOUNGFIELD STREET
LAKEWOOD, COLORADO 80215

RECEIVED
IN REPLY REFER TO
JUL 10 1989
CO-921A(JAS)
3104
BLM Bond No.:
CO-0356

JUN 27 1989

DECISION

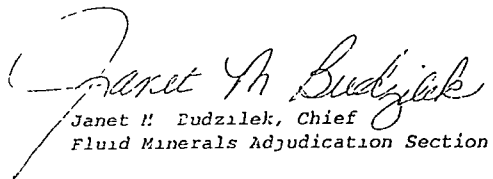
Principal. Columbia Gas Development Corp. Surety ID No.: U-391050-16RR
P.O. Box 1350
Houston, TX 77251-1350 Amount: \$150,000

Surety United Pacific Insurance Co. Type: Nationwide Oil & Gas Bond

Agent. Charles W. Blank Type Rider: Operator
United Pacific Insurance Co.
34405 Eight Ave. South C-3000 Date Rider Executed: May 15, 1989
Federal Way, WA 98005

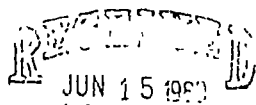
Bond Rider Accepted

A rider to the above identified bond has been filed in this office. The rider extends coverage to leases where the principal is operator. The rider has been examined and found satisfactory. It is accepted effective June 2, 1989.


Janet H. Budzilek, Chief
Fluid Minerals Adjudication Section

May 18, 1989

U.S. Department of the Interior
Bureau of Land Management
2020 Arapahoe Street
Denver, CO 80205



GENERAL ACCOUNTING

RE: Columbia Gas Development Corporation
Nationwide Oil and Gas Bond
BLM Bond No. CO-0356
Surety Bond Number U-391050-16RR
New Bond Number U391414-46

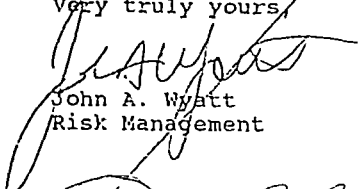
Gentlemen:

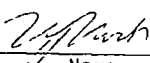
Enclosed is a rider to provide coverage of Bond No. U-391050-16RR where Columbia Gas Development Corporation is the operator.

Please acknowledge your acceptance by signing where indicated on the attached copy of this letter and returning in the enclosed self-addressed stamped envelope.

Should you have any questions, please contact me at (713) 787-3412.

Very truly yours,


John A. Wyatt
Risk Management

Received By 

Name

6/12/89

Date

Acceptance letter will follow,
if appropriate

CO JUL-2 NO (1)

BLM Bond Number: CQ-0356
Surety bond Number. U-391050-16RR

RIDER

in consideration for the payment of any additional premium charged for this rider and the acceptance of this rider by the Bureau of Land Management on behalf of the United States of America, the undersigned principal and surety hereby extend the coverage of Bond No. U-391050-16RR, to all of the leases where the principal is the operator, whether or not the principal owns an interest in those leases. The principal hereby agrees to be bound by all the terms and conditions of any lease wherein the principal is the operator until all the terms and conditions of the lease have been satisfied, including the payment of any rentals and royalties due; provided, however, that this rider shall not act to increase the actual cumulative or potential liability of the surety above the face amount of the bond, One Hundred Thousand and 00/100 Dollars (\$ 150,000.00); providing, further, however, that any limitation of liability on the part of the surety shall not apply to the principal who shall be liable to the same extent as the lessees.

Columbia Gas Development Corporation

By: [Signature]

Principal and Title

[Signature]
Witness and Address

Ann G. Berger

3523 Point Clear Drive, Missouri City, TX

United Pacific Insurance Company

By: [Signature]

Surety

Charles W. Blank, Attorney-in-Fact

[Signature]
Witness and Address

Marion G. Collett

100 Light Street

Baltimore, Maryland 21202

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, That the UNITED PACIFIC INSURANCE COMPANY, a corporation duly organized under the laws of the State of Washington, does hereby make, constitute and appoint Wilbur M. Priest, S. J. Sandbank, F. S. Carnes, Jr., Stephen R. Mummert, Robert F. White, Charles W. Blank and Mary Ellen Pease, individually, of Baltimore, Maryland

its true and lawful Attorney in Fact, to make, execute, seal and deliver for and on its behalf, and as its act and deed any and all bonds and undertakings of Suretyship, _____

and to bind the UNITED PACIFIC INSURANCE COMPANY thereby as fully and to the same extent as if such bonds and undertakings and other writings obligatory in the nature thereof were signed by an Executive Officer of the UNITED PACIFIC INSURANCE COMPANY and sealed and attested by one or more of such officers, and hereby ratifies and confirms all that its said Attorney(s) in Fact may do in pursuance hereof

The Power of Attorney is granted under and by authority of Article VII of the By-Laws of UNITED PACIFIC INSURANCE COMPANY which became effective September 7, 1976, which provisions are now in full force and effect, reading as follows

ARTICLE VII — EXECUTION OF BONDS AND UNDERTAKINGS

1 The Board of Directors, the President, the Chairman of the Board, any Senior Vice President, any Vice President or Assistant Vice President or other officer designated by the Board of Directors shall have power and authority to (a) appoint Attorneys in Fact and to authorize them to execute on behalf of the Company, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof, and (b) to remove any such Attorney in Fact at any time and revoke the power and authority given to him

2 Attorneys in Fact shall have power and authority subject to the terms and limitations of the power of attorney issued to them, to execute and deliver on behalf of the Company, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof. The corporate seal is not necessary for the validity of any bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof

3 Attorneys in Fact shall have power and authority to execute affidavits required to be attached to bonds, recognizances, contracts of indemnity or other conditional or obligatory undertakings and they shall also have power and authority to certify the financial statement of the Company and to copies of the By Laws of the Company or any article or section thereof

The power of attorney is signed and sealed by facsimile under and by authority of the following Resolution adopted by the Board of Directors of UNITED PACIFIC INSURANCE COMPANY at a meeting held on the 5th day of June, 1978, at which a quorum was present, and said Resolution has not been amended or repealed

"Resolved, that the signature of such directors and officers and the seal of the Company may be affixed to any such power of attorney or any certificate relating thereto by facsimile, and any such power of attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by facsimile signatures and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached"

IN WITNESS WHEREOF, the UNITED PACIFIC INSURANCE COMPANY has caused these presents to be signed by its Vice President, and its corporate seal to be hereto affixed, this 14th day of May, 1987.

UNITED PACIFIC INSURANCE COMPANY

Vice President

STATE OF Pennsylvania ss
COUNTY OF Philadelphia

On this 14th day of May, 1987, personally appeared Raymond MacNeil

to me known to be the Vice-President of the UNITED PACIFIC INSURANCE COMPANY, and acknowledged that he executed and attested the foregoing instrument and affixed the seal of said corporation thereto, and that Article VII, Section 1, 2, and 3 of the By Laws of said company and the Resolution, set forth therein, are still in full force

My Commission Expires
September 28, 1987

Notary Public in and for State of Pennsylvania
Residing at _____

I, Ray L. Lorah, Assistant Secretary of the UNITED PACIFIC INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney executed by UNITED PACIFIC INSURANCE COMPANY, which is still in full force and effect

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of said Company this 15th day of May, 1987.

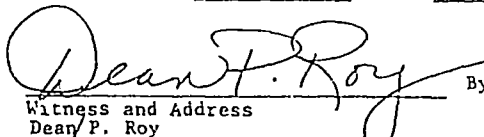
BDU 1431 Ed 6/79

Assistant Secretary

RIDER DESIGNED TO ~~EXTEND~~ STATEWIDE OR NATIONWIDE BOND TO INCLUDE LEASES WHERE THE PRINCIPAL IS A DESIGNATED OPERATOR

In consideration for the payment of any additional premium charged for this rider and the acceptance of this rider by the Bureau of Land Management on behalf of the United States of America, the undersigned Principal and Surety hereby extend the coverage of Bond No. U-391050-16RR to all of the leases where the Principal has been designated as the operator by the lessee(s) or holder(s) of the operating rights and the Principal hereby agrees to be bound by all the terms and conditions of any lease wherein the Principal is designated as operator and files such designation with an appropriate officer of the Bureau, whether or not the designation is subsequently revoked, until all the terms and conditions of the lease(s) have been satisfied, including the payment of any rentals and royalties due and the proper plugging and abandonment of any wells drilled on such lease(s); provided, however, that this rider shall not act to increase the actual cumulative or potential liability of the Surety above the face amount of the bond, to wit: One Hundred Fifty Thousand and 00/100 Dollars (\$ 150,000.00); provided, further, however, that any limitation of liability on the part of the Surety shall not apply to the Principal who shall be liable to the same extent as the party or parties designating the Principal as Operator.

Executed this 14th day of April, 1987.


Witness and Address
Dean P. Roy

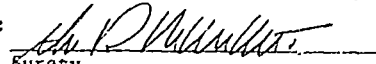
5847 San Felipe, Houston, TX 77057


Witness and Address

Marion G. Collett
100 Light Street, Balto., Md. 21202

Columbia Gas Development Corporation

By: 
Principal; John P. Bornman, Jr., President
United Pacific Insurance Company

By: 
Surety
Stephen R. Mummert, Attorney-in-Fact

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS That the UNITED PACIFIC INSURANCE COMPANY a corporation duly organized under the laws of the State of Washington, does hereby make, constitute and appoint Wilbur M. Priester, S. J. Sandbank, F. S. Carnes, Jr., John R. Vasco, Gordon H. Prager, Stephen R. Mummert, Anna R. Daily and Erian E. Wilcox, individually, of Baltimore, Maryland

its true and lawful Attorney in Fact, to make, execute, seal and deliver for and on its behalf, and as its act and deed any and all bonds and undertakings of Suretyship,

and to bind the UNITED PACIFIC INSURANCE COMPANY thereby as fully and to the same extent as if such bonds and undertakings and other writings obligatory in the nature thereof were signed by an Executive Officer of the UNITED PACIFIC INSURANCE COMPANY and sealed and attested by one other of such officers and hereby ratifies and confirms all that its said Attorney(s) in Fact may do in pursuance hereof

This Power of Attorney is granted under and by authority of Article VII of the By Laws of UNITED PACIFIC INSURANCE COMPANY which became effective September 7, 1978 which provisions are now in full force and effect reading as follows

ARTICLE VII - EXECUTION OF BONDS AND UNDERTAKINGS

1 The Board of Directors the President the Chairman of the Board any Senior Vice President, any Vice President or Assistant Vice President or other officer designated by the Board of Directors shall have power and authority to (a) appoint Attorneys in Fact and to authorize them to execute on behalf of the Company bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof, and (b) to remove any such Attorney in Fact at any time and revoke the power and authority given to him

2 Attorneys in Fact shall have power and authority subject to the terms and limitations of the power of attorney issued to them to execute and deliver on behalf of the Company, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof. The corporate seal is not necessary for the validity of any bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof

3 Attorneys in Fact shall have power and authority to execute affidavits required to be attached to bonds, recognizances, contracts of indemnity or other conditional or obligatory undertakings and they shall also have power and authority to certify the financial statement of the Company and to copies of the By Laws of the Company or any article or section thereof

This power of attorney is signed and sealed by facsimile under and by authority of the following Resolution adopted by the Board of Directors of UNITED PACIFIC INSURANCE COMPANY at a meeting held on the 5th day of June, 1979, at which a quorum was present, and said Resolution has not been amended or repealed

"Resolved, that the signatures of such directors and officers and the seal of the Company may be affixed to any such power of attorney or any certificate relating thereto by facsimile, and any such power of attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by facsimile signatures and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached "

IN WITNESS WHEREOF, the UNITED PACIFIC INSURANCE COMPANY has caused these presents to be signed by its Vice President, and its corporate seal to be hereto affixed, this 26th day of April 1984.



UNITED PACIFIC INSURANCE COMPANY

Vice President

STATE OF Pennsylvania }
COUNTY OF Philadelphia }

On this 26th day of April, 1984, personally appeared Raymond MacNeil

to me known to be the Vice President of the UNITED PACIFIC INSURANCE COMPANY, and acknowledged that he executed and attested the foregoing instrument and affixed the seal of said corporation thereto and that Article VII, Section 1, 2, and 3 of the By Laws of said Company, and the Resolution, set forth therein, are still in full force

My Commission Expires

September 28, 1987



Notary Public in and for State of Pennsylvania

Residing at Philadelphia

I, P. D. Crossetta Assistant Secretary of the UNITED PACIFIC INSURANCE COMPANY do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney executed by said UNITED PACIFIC INSURANCE COMPANY, which is still in full force and effect

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of said Company this 14th day of April 1987



Assistant Secretary



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
COLORADO STATE OFFICE
2020 ARAPAHOE STREET
DENVER COLORADO 80205

CO-943A(MN)
3104
Nationwide
Oil and Gas
Bond

J. D. R

JUL 22 1985

DECISION

Principal(s): Columbia Gas Development Corporation
P.O. Box 1350
Houston, Texas 77251-1350
Bond Number. U-391050-16RR
Amount of Bond: \$150,000
Date Bond and Rider Executed: May 3, 1985
Surety: United Pacific Insurance Company
Date Bond and Rider Filed: May 20, 1985
Attorney
-in-Fact: John R. Vasco
United Pacific Insurance Company
3340 Eighth Avenue South, C-3000
Federal Way, Washington 98005

Nationwide Oil and Gas Bond and Rider Accepted

The above identified bond with rider attached have been examined and found satisfactory. They are accepted effective May 20, 1985, the date they were filed.

The bond constitutes coverage for all interests of the principal(s) in Federal oil and gas leases, except leases in the National Petroleum Reserve in Alaska. Federal leases do not include Indian leases. The rider assumes all liability under the principal's prior Nationwide bond.

Coverage under this bond, however, does not extend to additional principals, such as assignees of all or part of the principal's interests in any lease, nor will the coverage extend to any lands where the principal is the unit operator but does not hold the record title or the operating rights in such lands, either alone or together with other parties, all of whose interests are covered by appropriate bonds.

The bond will be maintained by this office. Termination of liability under the bond will be permitted only after this office is satisfied that either there is no outstanding obligation covered by the bond or satisfactory replacement bonding coverage has been furnished.

Evelyn W. Axelson
Evelyn W. Axelson
Chief, Mineral Leasing Section

cc:
All BLM State Offices
MMS-AFS, Denver

COLUMBIA GAS
Development



May 14, 1985

RECEIVED
MAY 24 1985
GENERAL ACCOUNTING

U.S. Department of the Interior
Bureau of Land Management
2020 Arapahoe Street
Denver, CO 80205

RE: Columbia Gas Development Corporation
Nationwide Oil and Gas Bond

Gentlemen:

Enclosed is the following executed bond with attached rider:

United Pacific Insurance Company
Bond No. U-391050-16RR
Amount: \$150.00
Effective Date: 5/03/85

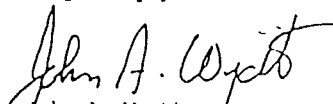
Please be advised that this bond serves to replace the following bond as of May 3, 1985.

Seaboard Surety Company
Bond No. 639585
Amount: \$150.00
Cancellation Date: 5/03/85

Please acknowledge your acceptance by signing where indicated on the attached copy of this letter and returning it in the enclosed self-addressed stamped envelope. Retain the original for your files.

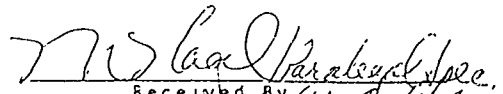
Should you have any questions, please contact me at (713) 940-3412.

Very truly yours,


John A. Wyatt
Supervisor, General Accounting

JAW/pw

Enclosures


Received By CO-9434
5/21/85
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

STATE, NATIONWIDE, OR NATIONAL PETROLEUM RESERVE
IN ALASKA OIL AND GAS BOND

Act of February 25, 1920 (30 U.S.C. Sec. 181)

Act of August 7, 1947 (30 U.S.C. Sec. 351)

Department of the Interior Appropriations Act, Fiscal Year 1951 (P.L. 96-514)

Other Oil and Gas Leasing Authorities as Applicable

35144-13
Bond No. U-391050-16RR

WE ALL MEN BY THESE PRESENTS, That we Columbia Gas Development Corporation

Houston, Texas

Principal, and United Pacific Insurance Company

State of Washington

Surety, are held and firmly bound unto the United States of America in the sum of One Hundred and Fifty thousand and 00/100----- dollars (\$ 150,000.00-----), in lawful money of the United States, which sum may be increased or decreased by a rider hereto executed in the same manner as this bond, for the use and benefit of (1) the United States, (2) the owner of any of the land subject to the coverage of this bond, who has a statutory right to compensation in connection with a reservation of the oil and gas deposits to the United States, and (3) any lease or permittee under a lease or permit issued by the United States prior to the issuance of an oil and gas lease for the land subject to this bond, covering the use of the surface or the prospecting for, or development of, other mineral deposits on any portion of such land, to be paid to the United States. For such payment, well and truly to be made, we bind ourselves, each of our heirs, executors, administrators, and successors, jointly and severally.

The coverage of this bond shall extend to all of the principal's holdings of federal oil and gas leases in the United States, including Alaska, issued or acquired under the Acts cited in Schedule A.

The coverage of this bond extends only to the principal's holdings of federal oil and gas leases issued or acquired under the Acts cited and in the States named in Schedule A and to any other State or States that may be named in a rider attached hereto by the lessor with the consent of the surety.

The coverage of this bond extends only to the principal's holdings of federal oil and gas leases within the National Petroleum Reserve in Alaska

SCHEDULE A

Oil Leasing Act of February 25, 1920 (30 U.S.C. Sec. 181), Acquired Lands Leasing Act of August 7, 1947 (30 U.S.C. Sec. 351), and other oil and gas leasing authorities as applicable

NAMES OF STATES

conditions of the foregoing obligations are such that, as the said principal has an interest in oil and gas leases issued under the Acts cited in this bond (1) as lessee, (2) as the approved holder of operating rights in any part of the lands covered by such leases under operating agreements with the lessees, or (3) as designated operator or agent under such leases pending approval of an agreement for operating agreement, and

fract, remove and dispose of oil and gas deposits in or under the lands covered by the leases, operating agreements or designations and is obligated to comply with certain covenants and agreements set forth in such instruments, and

WHEREAS the principal and surety agree that without notice to the surety the coverage of this bond, in addition to the present holdings of the principal, shall extend to and

oil and gas lease hereafter issued to, or acquired by the principal in the States now named in Schedule A, or named in a rider, the coverage to be confined to the principal's holdings under the Acts cited and to become effective immediately upon such issuance or upon departmental approval of a transfer in favor of the principal

Any operating agreement hereafter entered into or amended by the principal affecting oil and gas leases in the States now named in Schedule A, or later named in a rider. The coverage shall become effective immediately upon departmental approval of the agreement or of a transfer of an operating agreement to the principal

Any designation subsequent hereto of the principal as operator or agent of a lessee under a lease issued pursuant to the Acts cited and covering lands in a State named in Schedule A, either presently or by rider. This coverage shall become effective immediately upon the filing of such designation under a lease

Any extension of a lease covered by this bond, such as to continue without any interruption due to the expiration of the term set forth in the lease.

And, that the surety may elect to have the additional coverage authorized under this paragraph become inapplicable to all interests of the principal acquired more than 30 days after the receipt of notice of such election from the Bureau of Land Management

Surety hereby waives any right to notice of, and agrees that this bond shall remain in full force and effect notwithstanding

A transfer or transfers, either in whole or in part, of all of the leases, or of the operating agreements, and agrees to remain bound under this bond as to the transfers either in the leases or in the operating agreements, whether retained by the principal when the approval of a transfer or transfers become effective

Any modification of a lease or operating agreement, negotiations thereunder, whether made or effected by amendment of such lease or operating agreement to unit, communitization or storage, agreements or contracts, suspensions of operations or production, suspensions or changes in rental, minimum and royalties, compensatory royalty payments, or lease, and

on this 3rd day of May, 1985, in the presence of

NAMES AND ADDRESSES OF WITNESSES

Ann B. Burger

Box 1350, Houston, Texas 77001

Pratt St, Baltimore, Maryland 21202

Pratt St, Baltimore, Maryland 21202

WHEREAS the principal and surety hereby agree that notwithstanding the termination of any lease or leases, operating agreements or designations as operator or agent, covered by this bond, whether the termination is by operation of law or otherwise, the bond shall remain in full force and effect as to all remaining leases, operating agreements, or designations covered by the bond, and

WHEREAS the principal, as to any lease or part of a lease for lands as to which he has been designated as operator or agent, or approved as operator, in consideration of being permitted to furnish this bond in lieu of the lessees, agrees and by these presents does hereby bind himself to fulfill on behalf of each lessee all obligations of each such lease for the entire leasehold in the same manner and to the same extent as though he were the lessee, and

WHEREAS the principal and surety agree that the neglect or forbearance of said lessor in enforcing, as against the lessees of such lessor, the payment of rentals or royalties or the performance of any other covenant, condition or agreement of the leases, shall not, in any way, release the principal and surety, or either of them, from any liability under this bond, and

WHEREAS the principal and surety agree that in the event of any default under the leases, the lessor may commence and prosecute any claim, suit, action, or other proceeding against the principal and surety, or either of them, without the necessity of joining the lessees.

NOW THEREFORE, IF said principal shall in all respects faithfully comply with all of the provisions of the leases referred to hereinbefore, then the above obligations are to be void, otherwise to remain in full force and effect

Columbia Gas Development Corporation

By Leslie M. Mays (L.S.)

(Principal)

P O Box 1350, Houston, Texas 77001

(Business Address)

United Pacific Insurance Company

John R. Vasco (U.S.)

(Surety)

Attorney-in-Fact

100 East Pratt St, Baltimore, Maryland 21202

(Business Address)

RIDER

Bond No. U-391050-16RR

It is hereby agreed by and between the undersigned principal(s) and surety in consideration for the additional premium or consideration paid for this rider, if any, and the consent by the United States to terminate the liability on Bond No. 839585 carrying the same principal(s) and Seaboard Surety Company as surety, the undersigned principal(s) and surety hereby assume any and all liabilities that may be outstanding on Bond No. 839585 including, but not limited to, the obligation properly to plug and abandon all wells existing on leases to which Bond No. 839585 applies and any unpaid rentals or royalties heretofore accruing; provided, however, that this rider shall not act to increase the potential or cumulative liability of the surety above the face amount of the bond to which this rider attaches.

Executed this 3rd day of May, 19 85.

Witnesses:

Ann G. Berger

Columbia Gas Development Corporation

By: L. M. S. May

(Principal)

(Principal)

(Principal)

(Surety)

John R. Vasco, Attorney-in-Fact
United Pacific Insurance Company

UNITED PACIFIC INSURANCE COMPANY

HOME OFFICE, FEDERAL WAY, WASHINGTON

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, That the UNITED PACIFIC INSURANCE COMPANY, a corporation duly organized under the laws of the State of Washington, does hereby make, constitute and appoint Wilbur M. Priester, S. J. Sandbank, F. S. Carnes, Jr., John R. Vasco, Gordon H. Prager, Stephen R. Mummert, Anna R. Daily and Brian E. Wilcox, individually, of Baltimore, Maryland

its true and lawful Attorney-in-Fact, to make, execute, seal and deliver for and on its behalf, and as its act and deed any and all bonds and undertakings of Suretyship,

and to bind the UNITED PACIFIC INSURANCE COMPANY thereby as fully and to the same extent as if such bonds and undertakings and other writings obligatory in the nature thereof were signed by an Executive Officer of the UNITED PACIFIC INSURANCE COMPANY and sealed and attested by one other of such officers, and hereby ratifies and confirms all that its said Attorney(s)-in-Fact may do in pursuance hereof.

This Power of Attorney is granted under and by authority of Article VII of the By-Laws of UNITED PACIFIC INSURANCE COMPANY which became effective September 7, 1978, which provisions are now in full force and effect, reading as follows:

ARTICLE VII - EXECUTION OF BONDS AND UNDERTAKINGS

1. The Board of Directors, the President, the Chairman of the Board, any Senior Vice President, any Vice President or Assistant Vice President or other officer designated by the Board of Directors shall have power and authority to (a) appoint Attorneys-in-Fact and to authorize them to execute on behalf of the Company, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof, and (b) to remove any such Attorney-in-Fact at any time and revoke the power and authority given to him.

2. Attorneys-in-Fact shall have power and authority, subject to the terms and limitations of the power of attorney issued to them, to execute and deliver on behalf of the Company, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof. The corporate seal is not necessary for the validity of any bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof.

3. Attorneys-in-Fact shall have power and authority to execute affidavits required to be attached to bonds, recognizances, contracts of indemnity or other conditional or obligatory undertakings and they shall also have power and authority to certify the financial statement of the Company and to copies of the By-Laws of the Company or any article or section thereof.

This power of attorney is signed and sealed by facsimile under and by authority of the following Resolution adopted by the Board of Directors of UNITED PACIFIC INSURANCE COMPANY at a meeting held on the 5th day of June, 1979, at which a quorum was present, and said Resolution has not been amended or repealed:

"Resolved, that the signatures of such directors and officers and the seal of the Company may be affixed to any such power of attorney or any certificate relating thereto by facsimile, and any such power of attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by facsimile signatures and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached."

IN WITNESS WHEREOF, the UNITED PACIFIC INSURANCE COMPANY has caused these presents to be signed by its Vice President, and its corporate seal to be hereto affixed, this 26th day of April 1984.



UNITED PACIFIC INSURANCE COMPANY

Vice President

STATE OF Pennsylvania }
COUNTY OF Philadelphia } ss.

On this 26th day of April, 1984, personally appeared Raymond MacNeill

to me known to be the Vice-President of the UNITED PACIFIC INSURANCE COMPANY, and acknowledged that he executed and attested the foregoing instrument and affixed the seal of said corporation thereto, and that Article VII, Section 1, 2, and 3 of the By-Laws of said Company, and the Resolution, set forth therein, are still in full force.

My Commission Expires:

September 28, 1987



Notary Public in and for State of Pennsylvania

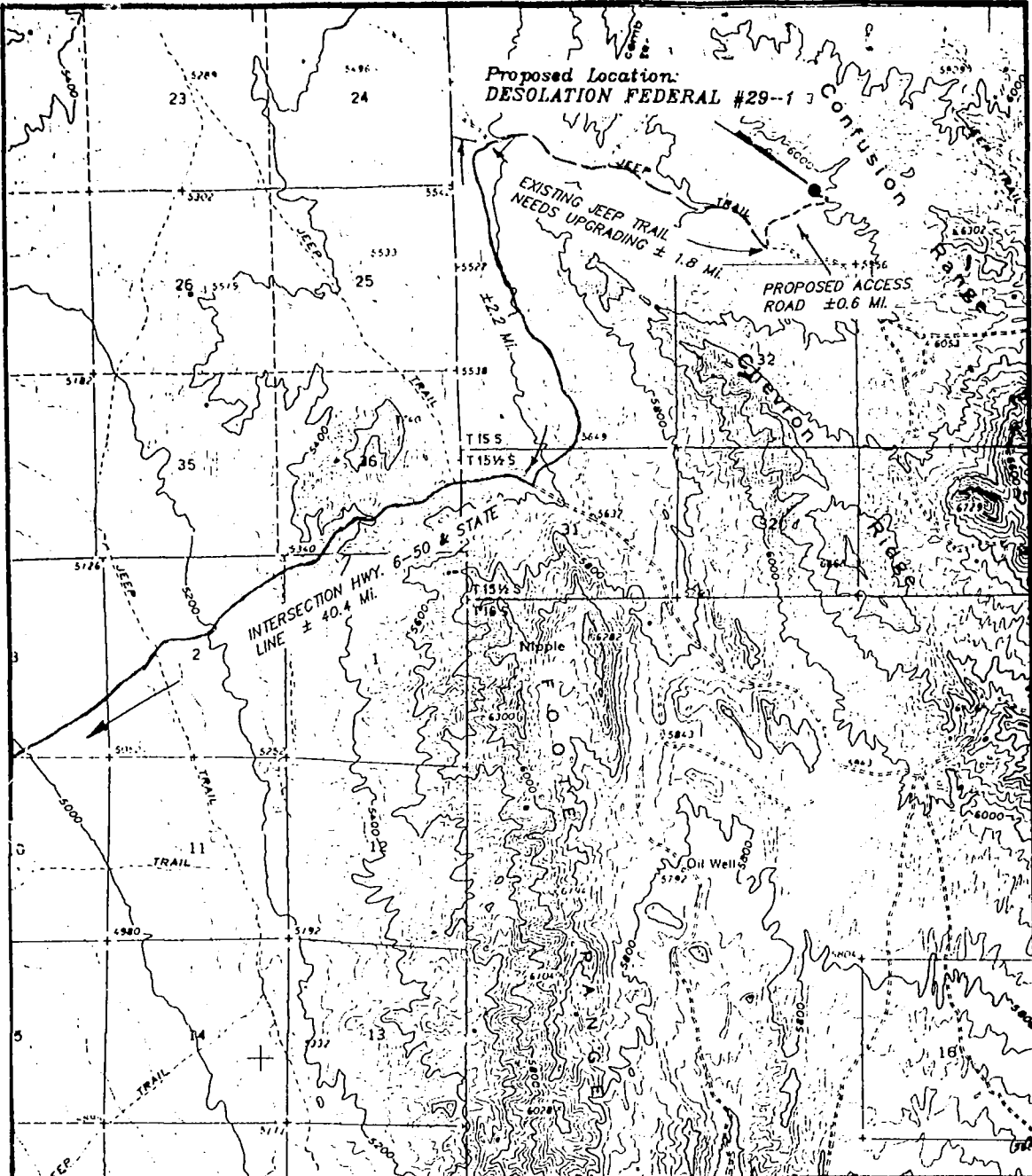
Residing at Philadelphia

I, P. D. Crossetta, Assistant Secretary of the UNITED PACIFIC INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney executed by said UNITED PACIFIC INSURANCE COMPANY, which is still in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of said Company this 3rd day of May 1985.



Assistant Secretary



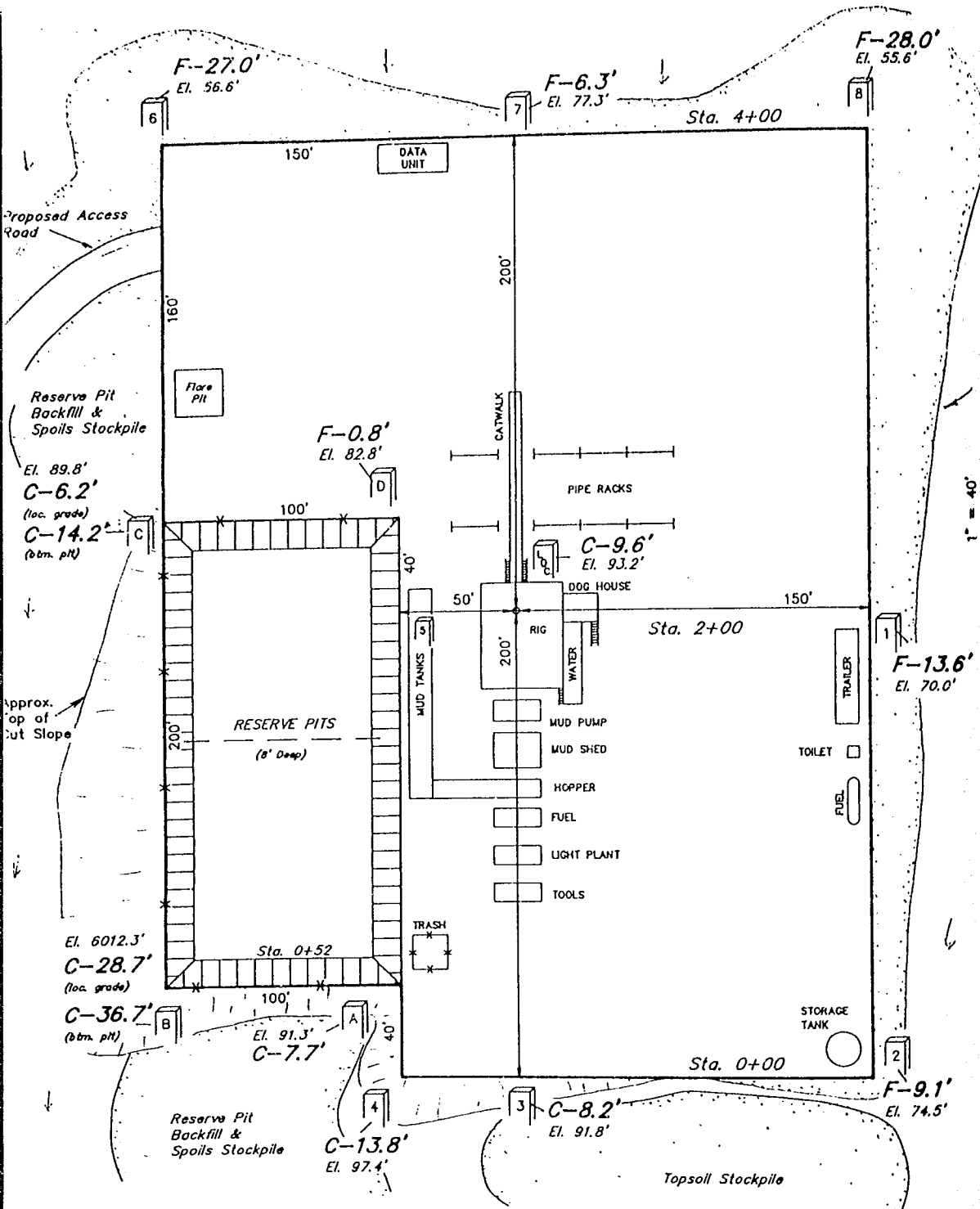
TOPOGRAPHIC
MAP "B"

DATE: 9-8-90 J.R.S.



COLUMBIA DEVELOPMENT CORP.

DESOLATION FEDERAL #29-1
SECTION 29, T15S, R17W, S.L.B.&M.

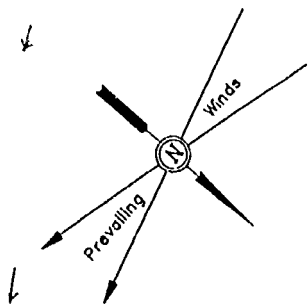


COLUMBIA DEVELOPMENT CORP.

LOCATION LAYOUT FOR

DESOLATION FEDERAL #29-1

SECTION 29, T15S, R17W, S.L.B.&M.

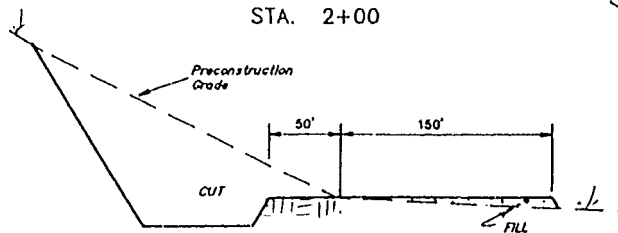
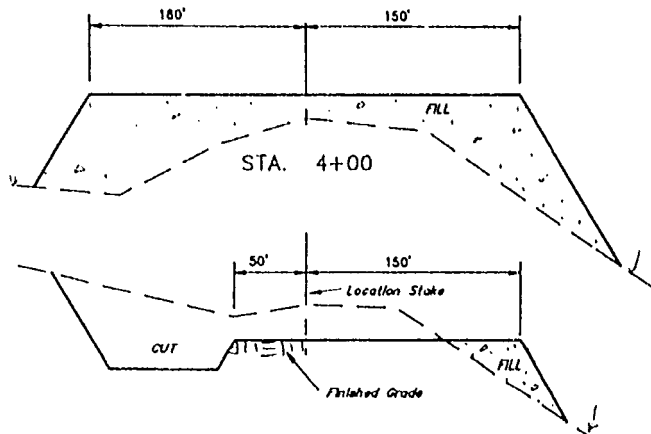


SCALE: 1" = 50'

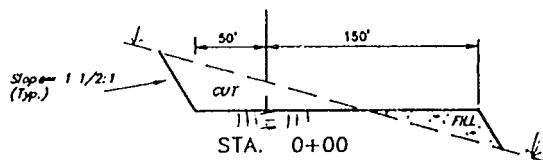
DATE: 9-7-90

REVISED: 10-8-90 J.R.S.

approx.
Slope of
Hill Slope



STA. 0+52



APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 2,500 Cu. Yds.
Pit Volume (Below Grade)	= 4,900 Cu. Yds.
Remaining Location	= 26,170 Cu. Yds.
TOTAL CUT	= 33,570 CU.YDS.
FILL	= 27,190 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 4,950 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 4,950 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

NOTE:

FILL YARDAGE INCLUDES ±850 CU. YDS. FOR CONSTRUCTION OF ACCESS ROAD RAMP TO LOCATION.

NOTES:

Elev. Ungraded Ground At Loc. Stake = 5993.2'

FINISHED GRADE ELEV. AT LOC. STAKE = 5983.6'

UINTAH ENGINEERING & LAND SURVEYING

85 South 200 East Fernhill, Utah

TYPICAL CROSS SECTIONS

CONFIDENTIAL

OPERATOR Columbia Gas Development DATE 10-25-90

WELL NAME Devolution Federal 09-1

SEC NESE 09 T 15S R 17W COUNTY Myland

43-007-30030
API NUMBER

Devolution (1)
TYPE OF LEASE

CHECK OFF:



PLAT



BOND



NEAREST
WELL



LEASE



FIELD
913m



POTASH OR
OIL SHALE

PROCESSING COMMENTS:

No other well within Sec 09, T15S, R17W.

ROCC 10-25-90

Water Permit

APPROVAL LETTER:

SPACING: ☐ R615-2-3 N/A
UNIT

☐ R615-3-2



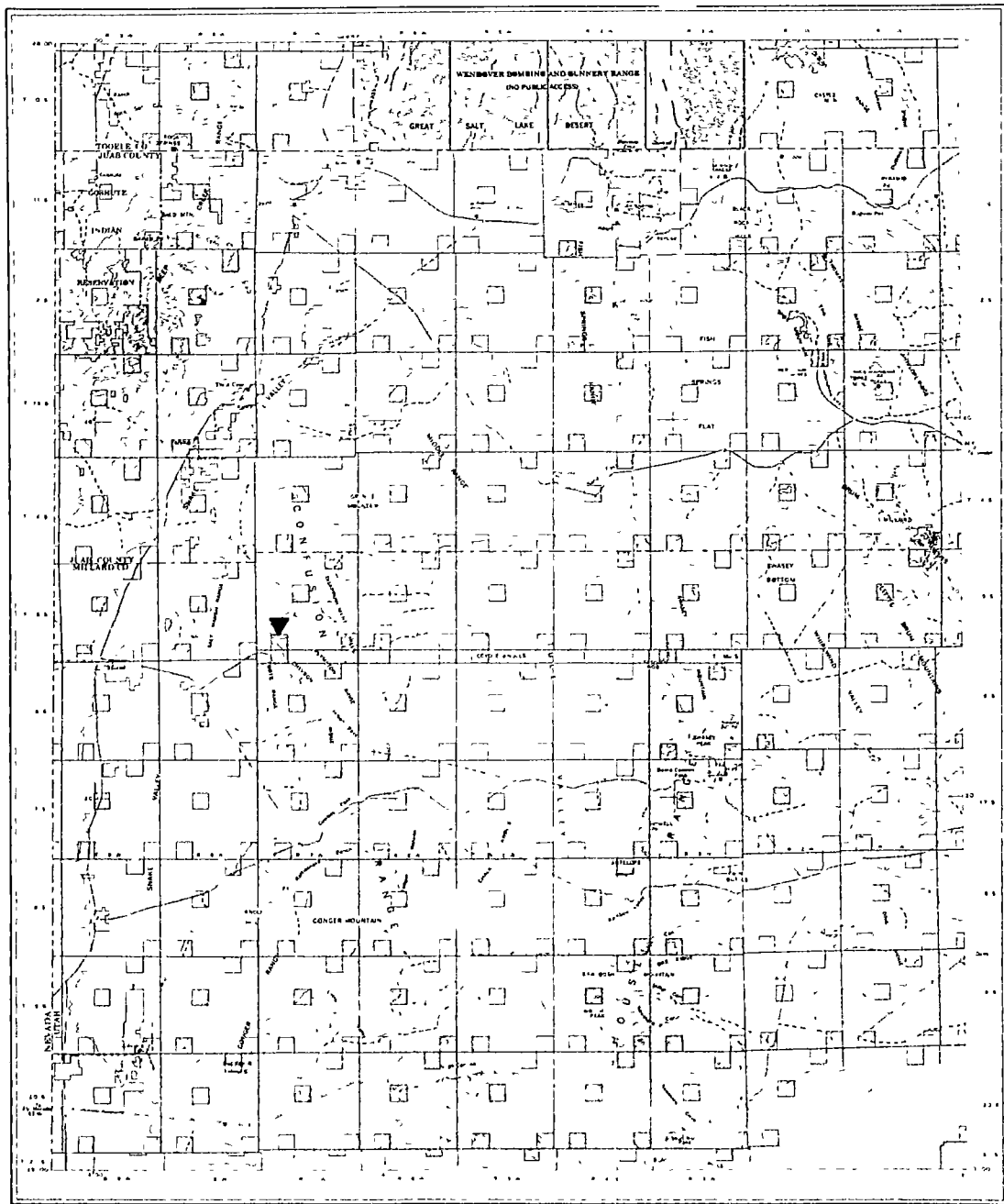
N/A
CAUSE NO. & DATE



R615-3-3

STIPULATIONS:

1- Needs water permit



The base grid was compiled by the Bureau of Land Management from the official records of cadastral surveys. Map information was taken from maps prepared by the Army Map Service (AMS), Corps of Engineers, U.S. Army, Washington, D.C., and quadrangles prepared by the U.S. Geological Survey.

The land status was compiled for printing by the Bureau of Land Management from the official federal records with additional data furnished by the Utah State Land Board.

Contour interval 200 feet with supplementary contours at 100-foot intervals. Elevation projection.

LEGEND

PUBLIC LAND	STATE LAND
PRIVATE LAND	INDIAN LAND
MILITARY RESERVE & AC	WILDERNESS

U.S. GEOLOGICAL SURVEY
FISH SPRINGS-I



STATE ACTIONS

Mail to:
RDCC Coordinator
116 State Capitol
Salt Lake City, Utah 84114

1. ADMINISTERING STATE AGENCY
OIL, GAS AND MINING
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
2. STATE APPLICATION IDENTIFIER NUMBER:
(assigned by State Clearinghouse)
3. APPROXIMATE DATE PROJECT WILL START:
January 1991
4. AREAWIDE CLEARING HOUSE(S) RECEIVING STATE ACTIONS:
(to be sent out by agency in block 1)
Six County Commissioners Organization
5. TYPE OF ACTION: ☐ Lease ☒ Permit ☐ License ☐ Land Acquisition
☐ Land Sale ☐ Land Exchange ☐ Other
6. TITLE OF PROPOSED ACTION:
Application for Permit to Drill
7. DESCRIPTION:
Columbia Gas Development Corporation proposes to drill a wildcat well, the Desolation Federal #29-1 on federal lease U-63127 in Millard County, Utah. This action is being presented to RDCC for consideration of resource issues affecting state interests. The U.S Bureau of Land Management is the primary administrative agency in this action and must issue approval before operations commence.
8. LAND AFFECTED (site location map required) (indicate county)
NE/4, SE/4, Section 29, Township 15 South, Range 17 West, Millard County, Utah
9. HAS THE LOCAL GOVERNMENT(S) BEEN CONTACTED?
Unknown
10. POSSIBLE SIGNIFICANT IMPACTS LIKELY TO OCCUR:
No significant impacts are likely to occur.
11. NAME AND PHONE NUMBER OF DISTRICT REPRESENTATIVE FROM YOUR AGENCY NEAR PROJECT SITE, IF APPLICABLE:
12. FOR FURTHER INFORMATION, CONTACT:
R.J. Firth
PHONE: 538-5340
13. SIGNATURE AND TITLE OF AUTHORIZED OFFICIAL
DATE: 10-25-90 Petroleum Engineer

W01187

COLUMBIA GAS

Development



October 31, 1990

VIA AIRBORNE EXPRESS**RECEIVED**
NOV 01 1990

STATE OF UTAH NATURAL RESOURCES
Oil & Gas Mining
355 W. North Temple, 355 Triad Center
Ste. #350
Salt Lake City, Utah 84180-1203

RECEIVED
OIL, GAS & MINING

ATTN: TAMMY SEARIN

RE: COLUMBIA GAS DEVELOPMENT CORP.
DESOLATION FEDERAL #29-1
SEC. 29, T158, R17W
MILLARD COUNTY, UTAH

Dear Ms. Searin:

Pursuant to the Oil & Gas Conservation General Rule R615-3-3, Columbia Gas Development Corporation respectfully requests an exception to the location and siting of the above referenced location. Due to the topography of the area, compliance with the four hundred and sixty foot (460') spacing from the quarter-quarter lines is not feasible.

Columbia Gas Development Corporation's lease includes the four hundred and sixty foot distance from the quarter-quarter lines. Attached please find a copy of the lease boundaries for your records.

Should you have any questions, or require any additional information, do not hesitate to contact me at 713/871-3400.

Sincerely,

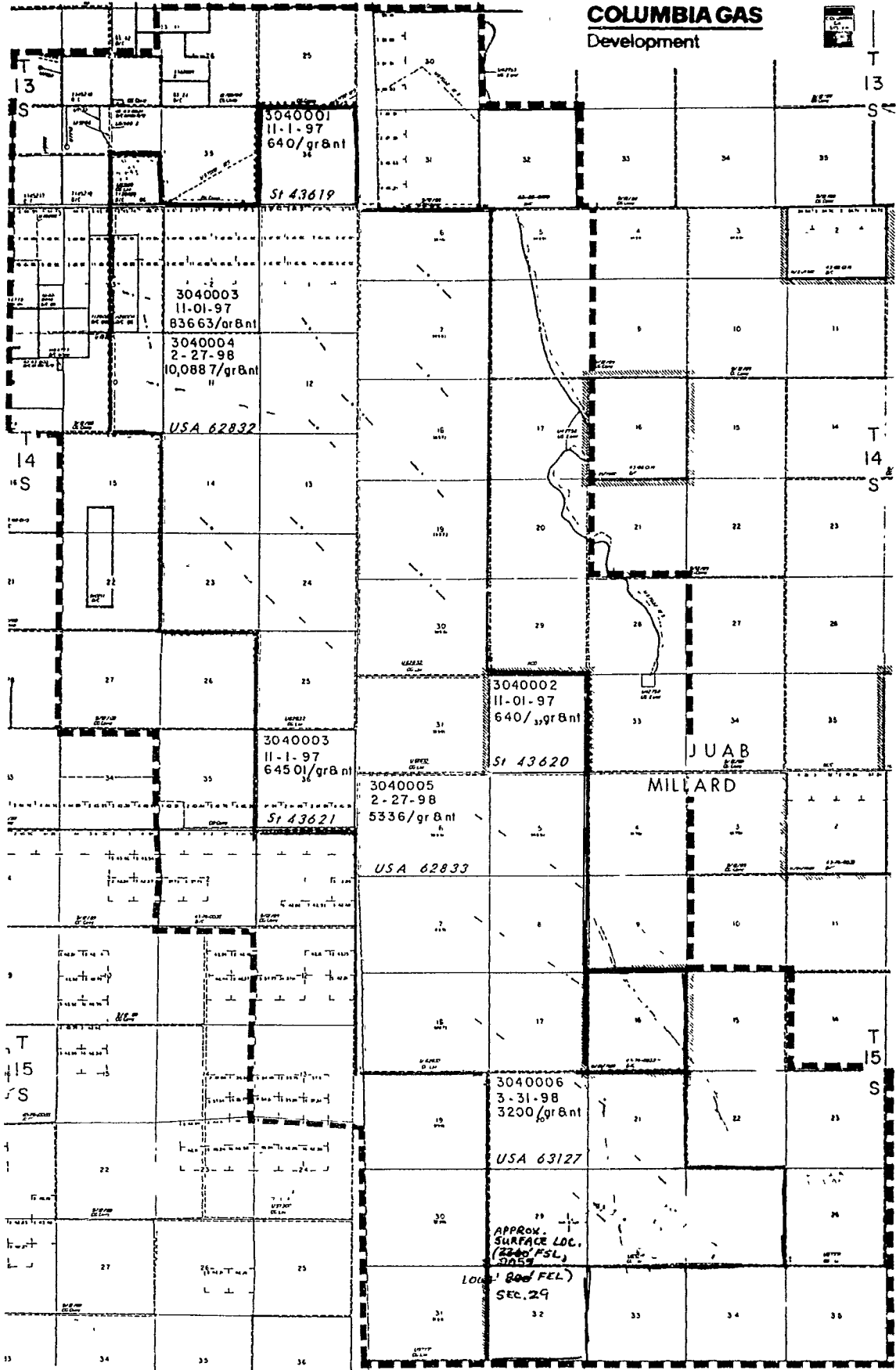
COLUMBIA GAS DEVELOPMENT CORP.

Aline A. Reese
Regulatory

AAR
Encl.

R 18 W

R 17 W

COLUMBIA GAS
DevelopmentDESOLATION ANTICLINE
Juab & Millard Counties, Utah



Norman H. Bangertter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801 538 5740

November 16, 1990

Columbia Gas Development Corporation
P. O. Box 1350
Houston, Texas 77251-1350

Gentlemen:

Re: Desolation Fed. 29-1 - NE SE Sec. 29, T. 15S, R. 17W - Millard County, Utah
2055' FSL, 1007' FWL

Approval to drill the referenced well is hereby granted in accordance with Rule R615-3-3, Oil and Gas Conservation General Rules, subject to the following stipulation:

- 1 Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.

In addition, the following actions are necessary to fully comply with this approval.

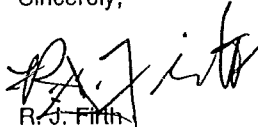
- 1 Spudding notification within 24 hours after drilling operations commence.
- 2 Submittal of an Entity Action Form within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
- 3 Submittal of the Report of Water Encountered During Drilling, Form 7.
- 4 Prompt notification if it is necessary to plug and abandon the well. Notify R. J. Firth, Associate Director, (Office) (801) 538-5340, (Home) 571-6068, or Jim Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Rule R615-3-20, Gas Flaring or Venting, Oil and Gas Conservation General Rules.

Page 2
Columbia Gas Development Corporation
Desolation Federal 29-1
November 16, 1990

6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-027-30030.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

tas
Enclosures
cc. Bureau of Land Management
J. L. Thompson
we14/1-13

COLUMBIA GAS
Development



September 12, 1991

RECEIVED

SEP 16 1991

STATE OF UTAH NATURAL RESOURCES OIL/GAS & MINING
355 W. NORTH TEMPLE, 3 TRIAD CENTER, STE.#350
SALT LAKE CITY, UTAH 84180-1203

DIVISION OF
OIL GAS & MINING

Attention: Mr. R. J. Firth

Reference: COLUMBIA GAS DEVELOPMENT CORPORATION
DESOLATION FEDERAL #29-1
MILLARD COUNTY, UTAH

API NO. 43-027-30030

Dear Mr. Firth:

Sec. 29, T. 15S, R. 17W

Due to Partner budgetary constraints we will be unable to commence drilling operations prior to the expiration date (11/16/91) of the Permit to Drill for the above referenced location. Therefore, Columbia Gas Development Corporation respectfully requests permission to obtain a one year extension on the Permit to Drill.

I have also requested a similar extension from the Bureau of Land Management, Richfield District Office. Their APD expires 12/18/91.

If you have any questions, or require any additional information, please contact me at 713/871-3482.

Sincerely,

COLUMBIA GAS DEVELOPMENT CORPORATION

Aline A. Reese
Regulatory Clerk

AAR
Encl.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 9/24/91
BY: [Signature]

COLUMBIA GAS

Development

**RECEIVED**

DEC 07 1992

DIVISION OF
OIL GAS & MINING

December 3, 1992

State of Utah
Division of Oil, Gas & Mining
355 W. N. Temple
3 Triad Center, Ste. 350
Salt Lake City, Utah

Attention: Mr. R. J. Firth

Reference: Columbia Gas Development Corporation
Desolation Federal #29-1
Sec. 29-T158-R17W
Millard County, Utah
API # 43-027-30030

Dear Mr. Firth:

Due to budgetary constraints, Columbia will not be able to drill the above-referenced well this year. Columbia Gas Development respectfully requests permission to obtain a one year extension on the Permit to Drill.

I have spoken with Mr. Michael Jackson with the Richfield District BLM office and he has stated that the BLM will extend their permit for one additional year. The present permit expires 12/18/92.

Should you have any questions or require any additional information, please contact me at 713/871-3482.

Sincerely,

COLUMBIA GAS DEVELOPMENT CORPORATION

Wendy G. DesOrmeaux
Regulatory Coordinator

WGD

COLUMBIA GAS

Development



December 9, 1992

RECEIVED

DEC 11 1992

DIVISION OF
OIL, GAS & MINING

State of Utah
Division of Oil, Gas & Mining
355 W. N. Temple
3 Triad Center, Suite 350
Salt Lake City, Utah

Attention: Mr. Frank Matthews

Reference: Columbia Gas Development Corporation
Desolation Federal #29-1
Sec. 29-T158-R17W
Millard County, Utah

Dear Mr. Matthews:

As per your request, attached is a Sundry Notice requesting an extension of the Permit to Drill for the above-referenced well.

Should you require any additional information, please contact me at 713/871-3482. Wishing you and your family a "Joyeux Noel"!

Sincerely,

Wendy G. DesOrmeaux
Regulatory Coordinator

WGD
Attachment

STATE OF UTAH
DEPARTMENT NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

6 Lease Designation and Serial Number

U-63127

7 Indian Allottee or Tribe Name

N/A

8 Unit or Communitization Agreement

N/A

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT— for such proposals

1 Type of Well

☒ Oil Well☐ Gas Well☐ Other (specify)

2 Name of Operator

Columbia Gas Development Corporation

3 Address of Operator

P. O. Box 1350, Houston, TX 77251-1350

4 Telephone Number

713/871-3400

9 Well Name and Number

Desolation Federal 29-1

10 API Well Number

43-027-30030

11 Field and Pool, or Wildcat

Wildcat

5 Location of Well

Footage

2055' FSL & 1007' FEL

County

Millard

OQ Sec T, R, M

Sec. 29-T15S-R17W

State

UTAH

12 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit in Duplicate)

- ☐ Abandonment ☐ New Construction
- ☐ Casing Repair ☐ Pull or Alter Casing
- ☐ Change of Plans ☐ Recompletion
- ☐ Conversion to Injection ☐ Shoot or Acidize
- ☐ Fracture Treat ☐ Vent or Flare
- ☐ Multiple Completion ☐ Water Shut-Off
- ☒ Other Request for extension of permit

Approximate Date Work Will Start _____

SUBSEQUENT REPORT

(Submit Original Form Only)

- ☐ Abandonment ☐ New Construction
- ☐ Casing Repair ☐ Pull or Alter Casing
- ☐ Change of Plans ☐ Shoot or Acidize
- ☐ Conversion to Injection ☐ Vent or Flare
- ☐ Fracture Treat ☐ Water Shut-Off
- ☐ Other _____

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form

* Must be accompanied by a cement verification report

13 DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Columbia Gas Development respectfully requests a one year extension to the Permit to Drill for the above-referenced well.

12-14-92
JRM Mathews

14 I hereby certify that the foregoing is true and correct

Name & Signature Wendy G. DesOrmeaux Wendy G. DesOrmeaux Title Regulatory Coord Date 12/9/92

(State Use Only)

FEBRUARY 8, 1994

TO: WELL FILE

FROM: K. M. HEBERTSON

RE: Status, Desolation Federal 29-1 43-027-30030 29-15S-17W

Per telephone conversation with the operator concerning the status of this well, it was determined that the well will not be drilled and the operator has acknowledged that the APD has expired. The operator has been informed that the APD will need to be refilled in order to drill this well at a future date.

As of the above date the APD has been rescinded and the file sent to the LA archives.

KMH